



Product Evaluation

BLD01 | 0216

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: BLD-01

Effective Date: January 1, 2016

Revised: February 1, 2016

Re-evaluation Date: January 2020

Product Name: Aramco Aluminum Outside Blinds, Non-Impact Resistant

Manufacturer: ARAMCO Outside Blinds
5105 Broadway
Galveston, TX 77551
(409) 762-9652

General Description:

The aluminum blinds are permanently mounted to the outside of the structure over an exterior opening, such as a window. The blinds have an overall dimension of 36" x 60" x 3" deep. All components of the blinds are 0.040" thick, 3105-H24 aluminum with an optional painted finish.

The blinds are not to be used to as an impact protective system. If windows are required to be protected from windborne debris, then the windows must be impact resistant if the blinds are installed over the windows.

The blinds are not intended to replace the wind pressure requirements of the windows.

The sides are 0.040" thick 3105-H24 aluminum sections, 2.656" wide x 59" long.

The top is 0.040" thick 3105-H24 aluminum section, 2.75" wide x 36" long and attached to each side with two No. 6-18 x 1/2" type AB fasteners.

The blind blades are 0.040" thick 3105-H24 aluminum section, 3.3125" wide x 34.875" long and attached to each side with one 3/16" aluminum rivet and attached to an operator aluminum channel with one 3/16" aluminum rivet. There are 19 total blades.

An operator knob is attached to an aluminum channel on one side that is used to open and close the blinds.

Limitations:

Design Drawings:

- “ARAMCO Outside Blinds,” manufactured by ARAMCO, Drawing No. C1, S1.1, S1.2, S1.3, and D1.1, dated December 1, 2015, signed, sealed, and dated December 3, 2015 by Brandon T. Jasek, P.E. The stated drawings will be referred to as approved drawings in this report.

Outside Blind Configurations: Refer to the approved drawings for the specific types of configurations.

Mounting Conditions: The outside blinds must be wall mounted. Refer to the approved drawings for the specific mounting requirements.

Wall Construction: The outside blinds may be mounted to the following types of wall framing:

- Wood (minimum Southern Yellow Pine dimension lumber, S.G. = 0.55).

Allowable Design Pressure: The allowable design pressure for the aluminum blinds is +40.0 /-50.0 psf.

Minimum Separation from Glass: The minimum glazing separation is specified in the approved design drawing.

Product Identification (Manufacturer Applied Label on Blind):

System		
1	Manufacturer's Name	ARAMCO Outside Blinds
	Product Name	Aramco Outside Blind
	Maximum Size Tested	36" x 60"
	Design Pressure	+40 / -50 psf
	Test Standards	ASTM E330-02

Impact Resistance: These blind assemblies **do not** satisfy the Texas Department of Insurance's criteria for protection from windborne debris. Do not install and use the assemblies as an impact protective system. If windborne debris protection is required or desired, then windows will need to be impact resistant if they are installed with the blinds.

Installation Instructions:

General Installation Requirements: The shutters must be installed in accordance with the manufacturer's installation instructions, the approved drawings, and this product evaluation report. Copies of the approved drawings must be available on the jobsite during inspection of the shutter assembly.

Anchorage: The blinds must be anchored to the structure in accordance with the approved drawings. Anchorage of the blinds to the wall framing must follow the mounting conditions and fastener requirements as specified on the approved drawings and this evaluation report.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.